

CLAIMS

1. An audio characteristic correction system that is adapted to an audio surround system, in which a sound emitted from a directional speaker is reflected on a wall surface or a sound reflection board so as to create a virtual speaker, and that corrects for audio characteristics of the wall surface or the sound reflection board, said audio characteristic correction system characterized in that at least one of frequency-gain characteristics, frequency-phase characteristics, and gain of an audio signal input to the directional speaker is corrected such that the sound reflected on the wall surface or the sound reflection board has desired audio characteristics at a desired listening position.

2. An audio characteristic correction system that is adapted to an audio surround system, in which a sound emitted from a directional speaker is reflected on a wall surface or a sound reflection board so as to create a virtual speaker, and that corrects for audio characteristics of the wall surface or the sound reflection board, said audio characteristic correction system comprising:
 - a measurement means for measuring audio characteristics of the sound reflected on the wall surface or the sound reflection board; and
 - a characteristic correction means for correcting at least one of frequency-gain characteristics, frequency-phase characteristics, and gain of an audio signal input to the directional speaker such that the sound reflected on the wall surface or the sound reflection board has desired audio characteristics at a desired listening position.

3. An audio characteristic correction system according to claim 2 further

comprising a control means for setting at least one of the frequency-gain characteristics, frequency-phase characteristics, and gain of the audio signal input to the directional speaker for the characteristic correction means.

4. An audio characteristic correction system according to claim 1 or 2, wherein the directional speaker is constituted using an array speaker.